

Patent Abstracts of Japan

PUBLICATION NUMBER : 09208820
PUBLICATION DATE : 12-08-97

APPLICATION DATE : 07-02-96
APPLICATION NUMBER : 08020963

APPLICANT : KURARAY CO LTD;

INVENTOR : KATO SHINYA;

INT.CL. : C08L 75/04 C08J 5/18 //(C08L 75/04 , C08L 23:02)

TITLE : THERMOPLASTIC RESIN COMPOSITION

ABSTRACT : PROBLEM TO BE SOLVED: To provide a thermoplastic resin composition which is excellent in film-forming stability, mold release properties and blocking resistance and can smoothly produce a molded article, such as a film or sheet, and a laminate excellent in mechanical characteristics, such as elastic recovery, strength and extensibility, and flexibility.

SOLUTION: This composition consists of 70-98wt.% thermoplastic polyurethane (A) having a JIS A hardness of 55 to 85 and obtained by reacting a polyester diol containing at least 30mol% branched 6-9C diol units, consisting of diol units and dicarboxylic acid units, and having a number-average molecular weight of 1,000 to 6,000, an organic diisocyanate and a chain extender, and 2-30wt.% olefin elastomer (B) having a JIS A hardness of 40 to 80. The molded article, such as a film or sheet, is produced from the composition. The laminate consists of a melt molded layer comprising the composition and a fibrous base layer.

COPYRIGHT: (C)1997,JPO